

RECEIVED
CENTRAL FAX CENTER

DEC 02 2010

Dkt. 2271/76516

Shigetaka SAKAKIBARA et al., Application No. 10/585,674
Page 2

Amendments to the Specification

Please amend the paragraphs at page 5, lines 7-19, in the following manner:

BRIEF SUMMARY DISCLOSURE OF THE INVENTION

The present invention has been conceived in response to one or more of the problems described above, and it provides In an aspect of this disclosure, there are provided an image processing apparatus, a printer driver, an imaging apparatus, an image processing apparatus, and an imaging system that enable formation of a black image using recording liquid containing pigment on a glossy recording medium including special paper such as glossy paper, semi-glossy paper, or matte coating paper, for example, without losing the glossiness of the black image.

According to [[an]] another aspect of the present invention, an image processing method is provided that includes the steps of:

Please amend the paragraphs at page 6, line 7 through page 8, line 18, in the following manner:

In a preferred embodiment of the present invention, the recordings liquids contain pigment. In another preferred embodiment, the maximum black recording liquid incorporation amount is regulated in the black recording liquid incorporation process according to characteristics of the recording medium, and is arranged to be greater than 0% and less than 52%. In another preferred embodiment, the maximum black recording liquid incorporation amount is regulated such that the glossiness of the black realized in the image formed on the glossy recording medium does not become substantially lower than glossiness of the glossy recording medium.

In [[one]] a preferred embodiment of the present invention, an under color removal amount for the under color removal process is set at 100%. In an alternative another embodiment, the under color removal amount for the under color removal process is set at 100% until the under color removal amount reaches the regulated maximum black recording liquid incorporation amount.

Shigetaka SAKAKIBARA et al., Application No. 10/585,674
Page 3

Dkt. 2271/76516

According to another aspect of this disclosure ~~the present invention~~, a printer driver is provided that is run on a computer and is executed by the computer to perform the forementioned image processing method ~~of the present invention~~.

According to another aspect ~~of the present invention~~, an imaging apparatus is provided that includes a processing unit that is configured to regulate a maximum black recording liquid incorporation amount such that glossiness of black realized in an image formed on a glossy recording medium is not substantially degraded, set the black to be realized by the black recording medium until reaching the regulated maximum black recording liquid incorporation amount, and set the black to be realized through addition of a composite of the cyan recording liquid, the magenta recording liquid, and the yellow recording liquid if the black to be obtained requires an amount of the black recording liquid exceeding the regulated maximum black recording liquid incorporation amount.

In a preferred embodiment ~~of the present invention~~, the recording liquids contain pigment. In another preferred embodiment, the maximum black recording liquid incorporation amount is regulated in the black recording liquid incorporation process according to characteristics of the recording medium, and is arranged to be greater than 0% and less than 52%. In another preferred embodiment, the maximum black recording liquid incorporation amount is regulated such that the glossiness of the black realized in the image formed on the glossy recording medium does not become substantially lower than glossiness of the glossy recording medium.

In one preferred embodiment ~~of the present invention~~, an under color removal amount for the under color removal process is set to 100%. In an alternative embodiment, the under color removal amount for the under color removal process is set to 100% until the under color removal amount reaches the regulated maximum black recording liquid incorporation amount.

According to another aspect of this disclosure ~~the present invention~~, an image processing apparatus is provided that is configured to generate image data for an imaging apparatus that forms a color image on a recording medium using at least a cyan recording liquid, a magenta recording liquid, a yellow recording liquid, and a

Shigetaka SAKAKIBARA et al., Application No. 10/585,674
Page 4

Dkt. 2271/76516

black recording liquid, the apparatus including [[a]] the aforementioned printer driver ~~according to the present invention.~~

According to another aspect ~~of the present invention~~, an imaging system is provided that includes:

Please amend the paragraphs at page 6, line 7 through page 8, line 18, in the following manner:

According to an aspect of this disclosure ~~the present invention~~, a maximum black recording liquid incorporation amount is regulated such that glossiness of black realized in an image formed on a glossy recording medium may not be degraded, and the black is arranged to be realized by the black recording liquid until reaching the regulated maximum black recording liquid incorporation amount, and is arranged to be realized through addition of a composite of the cyan, magenta, and yellow recording liquids if the black requires an amount of the black recording liquid exceeding the regulated maximum black recording liquid incorporation amount in an image processing method, a printer driver, an imaging apparatus, an image processing apparatus, and an imaging system, and thereby, a black image may be formed using a recording liquid containing pigment on a glossy recording medium including special paper such as glossy paper, semi-glossy paper, and matte coating paper, for example, without degrading the glossiness of the black image